

5

## **IMPROVED WOOD-REDUCING APPARATUS WITH CONTINUAL FEEDER ASSEMBLY**

### **ABSTRACT OF THE DISCLOSURE**

10           Apparatuses, methods, and systems for producing wood chips are disclosed.  
The disclosure in one embodiment produces smooth wood chips of generally uniform  
size and shape, suited for use in making paper, cardboard, and other recyclable  
materials. In one embodiment, an apparatus is disclosed for collecting, aligning and  
guiding wood scraps through an array of spaced-apart saw blades using a feeder  
15           assembly operating on a continual basis. The feeder assembly in one embodiment  
includes one or more paddle assemblies shaped to align and guide the wood scraps  
along a feeder path toward the saw blades. A system for controlling an apparatus is  
also disclosed. A method for reducing wood scraps into cut chips is also disclosed.

          This Abstract is provided to comply with the rules, which require an abstract  
20           to quickly inform a searcher or other reader about the subject matter of the  
application. This Abstract is submitted with the understanding that it will not be  
used to interpret or limit the scope or meaning of the claims.